

**NONPROVISIONAL PATENT  
APPLICATION TRANSMITTAL RULE §1.53(b)  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Customer No. 004372  
ARENT FOX KINTNER PLOTKIN & KAHN, PLLC  
1050 Connecticut Avenue, N.W.,  
Suite 400  
Washington, DC 20036-5339  
Telephone: (202) 857-6000  
Facsimile: (202) 638-4810

Docket No. 107355-00080

Date: July 14, 2003

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing under 37 C.F.R. §1.53(b) is a nonprovisional patent application:

For (Title): ENGINE

By (Inventors): Masaru ASARI, Ikuro HARA, Kazuaki SHIMOYAMA, and Hiroshi TAKAGISHI

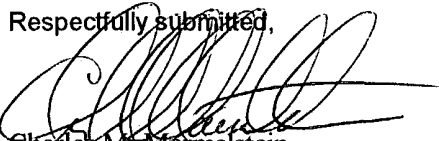
- XX 46 pages of Specification/Claims 1-24/Abstract are attached.  
XX Formal drawings (Fig(s). 1-8; 8 sheet(s)) is/are attached.  
XX A Declaration and Power of Attorney is attached.  
XX An assignment of the invention to Honda Giken Kogyo Kabushiki Kaisha is attached, along with Form PTO-1595 and a check for \$40.00.  
XX An Information Disclosure Statement is attached, along with Form PTO-1449, and ONE reference(s).  
XX Priority of foreign application No. 2002-213705 filed July 23, 2002 in Japan is claimed under 35 U.S.C. §119.  
XX Priority of foreign application No. 2002-213706 filed July 23, 2002 in Japan is claimed under 35 U.S.C. §119.  
xx Certified copies of the above corresponding foreign applications are attached.

The filing fee is calculated below and includes claim status after entry of any Preliminary Amendment noted above:

			SMALL ENTITY		OR	LARGE ENTITY	
FOR:	NO. FILED	NO. EXTRA	RATE	FEE		RATE	FEE
BASIC FEE				\$ 375	OR		\$ 750
TOTAL CLAIMS	24 - 20	= 4	x 9 =	\$	OR	x 18	\$ 72
INDEP CLAIMS	0 - 3	=	x 42 =	\$	OR	x 84	\$
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS			+140 =	\$	OR	+280	\$
			TOTAL	\$	OR	TOTAL	\$ 822

- xx A check in the amount of \$862 (\$822 for the filing fee and \$40 for the Assignment Recordation Fee) is attached. Please charge any fee deficiency or credit any overpayment to Deposit Account No. 01-2300.

Respectfully submitted,

  
Charles M. Marmelstein  
Registration No. 25,895

CMM/jch